

### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vriginia 22313-1450 www.uspto.gov

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

7278

7590

06/27/2003

DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257 EXAMINER

CHAKRABARTI, ARUN K

ART UNIT

CLASS-SUBCLASS

1634

514-009000

DATE MAILED: 06/27/2003

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/627,775	07/28/2000	Mark I. Greene	UPN-3832	3099

TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	VES	\$650	\$0	\$650	09/29/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED, THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

Note: A certificate of mailing can only be used for domestic mailings of the 17278 7590 06/27/2003  DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257  NEW YORK, NY 10150-5257  NEW YORK, NY 10150-5257  NEW YORK, NY 10150-5257  APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 09/627,775 07/28/2000 Mark I. Greene UPN-3832 3099  TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS  CHAKRABARTI, ARUN K 1634 514-009000
P. O. BOX 5257 NEW YORK, NY 10150-5257  NEW YORK, NY 10150-5257    Certificate of Mailing or Transmission   Line the posted with the feets of that this Fee(s) Transmital is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.    APPLICATION NO.   FILING DATE   FIRST NAMED INVENTOR   ATTORNEY DOCKET NO.   CONFIRMATION NO.
P. O. BOX 5257 NEW YORK, NY 10150-5257  NEW YORK, NY 10150-5257    Certificate of Mailing or Transmission   Line the posted with the feets of that this Fee(s) Transmital is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.    APPLICATION NO.   FILING DATE   FIRST NAMED INVENTOR   ATTORNEY DOCKET NO.   CONFIRMATION NO.
NEW YORK, NY 10150-5257  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in are newlope addressed to the Box Issue Fee address above, or being facsimile reasonable to the USPTO, on the date indicated below.    Comparison
Copositor's name
Copositor's name
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.  09/627,775 07/28/2000 Mark I. Greene UPN-3832 3099  TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.  09/627,775 07/28/2000 Mark I. Greene UPN-3832 3099  TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
O9/627,775 O7/28/2000 Mark I. Greene UPN-3832 3099 TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS  APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
09/627,775         07/28/2000         Mark I. Greene         UPN-3832         3099           TITLE OF INVENTION: METHODS OF INHIBITING OSTEOCLASTOGENESIS         APPLN. TYPE         SMALL ENTITY         ISSUE FEE         PUBLICATION FEE         TOTAL FEE(S) DUE         DATE DUE           nonprovisional         YES         \$650         \$0         \$650         09/29/2003           EXAMINER         ART UNIT         CLASS-SUBCLASS         CLASS-SUBCLASS         CLASS-SUBCLASS
APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
nonprovisional YES \$650 \$0 \$650 09/29/2003  EXAMINER ART UNIT CLASS-SUBCLASS
EXAMINER ART UNIT CLASS-SUBCLASS
CHAKRABARTI, ARUN K 1634 514-009000
1. Change of correspondence address or indication of "Fee Address" (37 2. For printing on the patent front page, list (1)
CFR 1.363). the names of up to 3 registered patent attorneys
Or agents OR, alternatively, (2) the name of a single firm (having as a member a registered
U "Fee Address" indication (or "Fee Address" Indication form
PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.    Additional content of the customer of
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.
(A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)
Please check the appropriate assignee category or categories (will not be printed on the patent) u individual u corporation or other private group entity u governmen
4a. The following fee(s) are enclosed:  4b. Payment of Fee(s):
☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed.  ☐ Payment by credit card. Form PTO-2038 is attached.
The Commissioner is bounded and the charge the gap and the commissioner is to be considered for (a) and the commissioner is to be considered for (b) and the commissioner is to be considered for (c) and (c) an
Advance Order - # of Copies
Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
(Authorized Signature) (Date)
NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone
other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.
This collection of information is required by 37 CFR 1.311. The information is required to
obtain or retain a benefit by the public which is to file (and by the USPTO to process) an
obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the
obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or
obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.



#### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Addres: COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandra, Vugnia 22313-1450 www.uspio.gov

APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/627,775		07/28/2000	Mark I. Greene	UPN-3832 3099	
7278	7590	06/27/2003		EXAMINER	
DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257			CHAKRABARTI, ARUN K		
			ART UNIT	PAPER NUMBER	
				1634	
				DATE MAIL ED. 06/27/2002	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



#### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.usplo.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/627,775	07/28/2000	Mark I, Greene	UPN-3832 3099		
7278	7590 06/27/2003		EXAMIN	ER	
DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257			CHAKRABARTI, ARUN K		
			ART UNIT	PAPER NUMBER	
UNITED STATE	UNITED STATES		1634		
		DA	DATE MAILED: 06/27/2003		

#### Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.